

FIG. 1

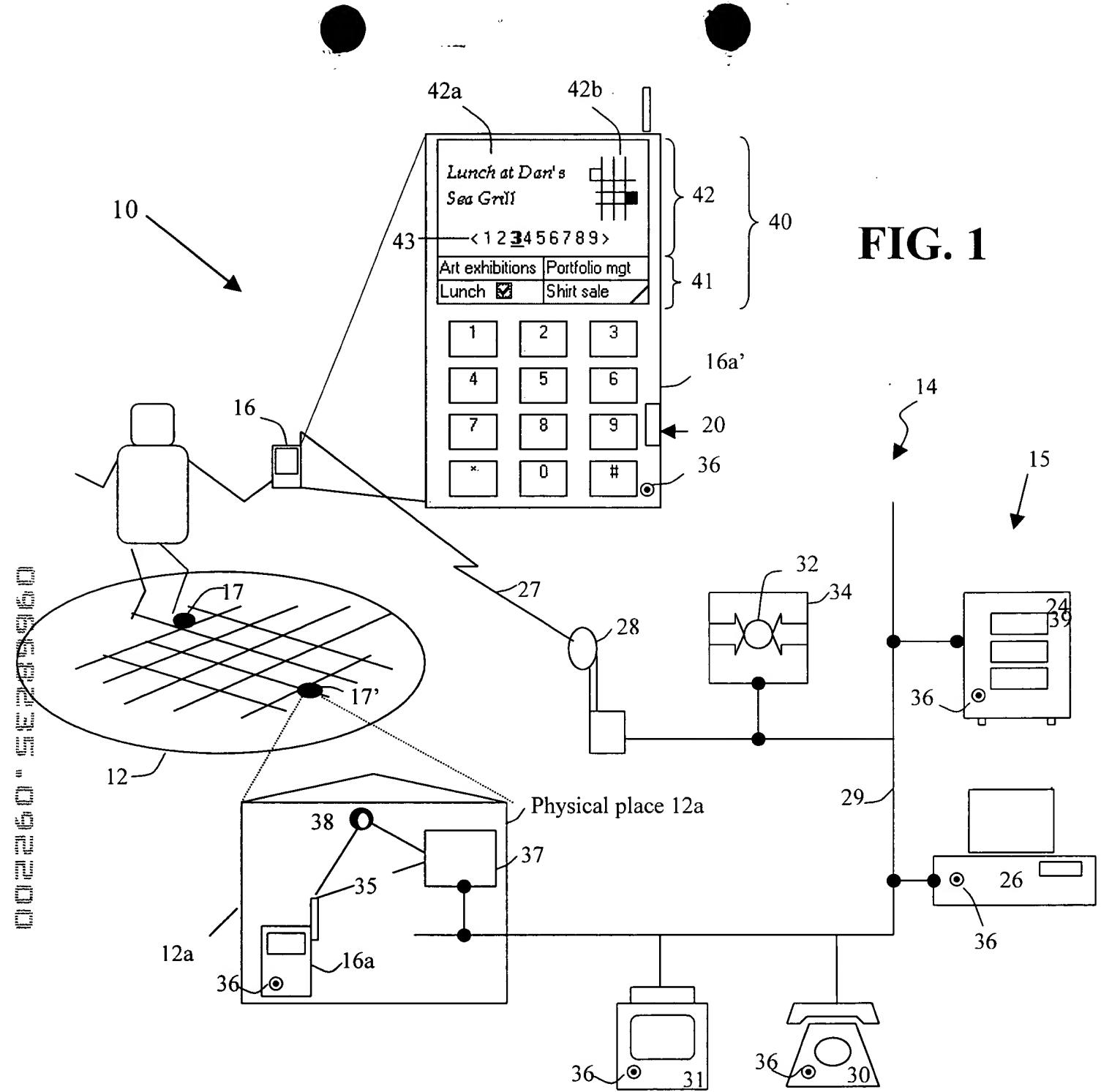


FIG. 2

70

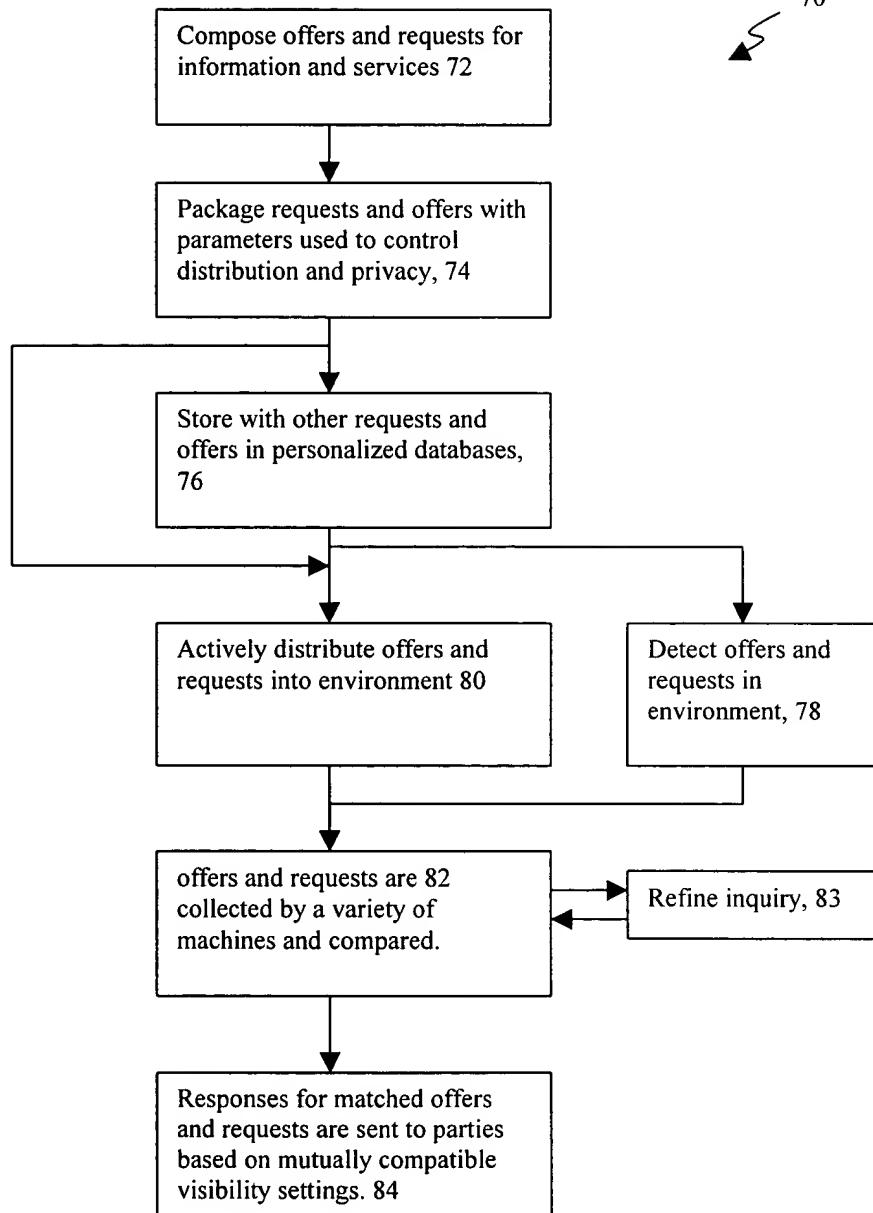
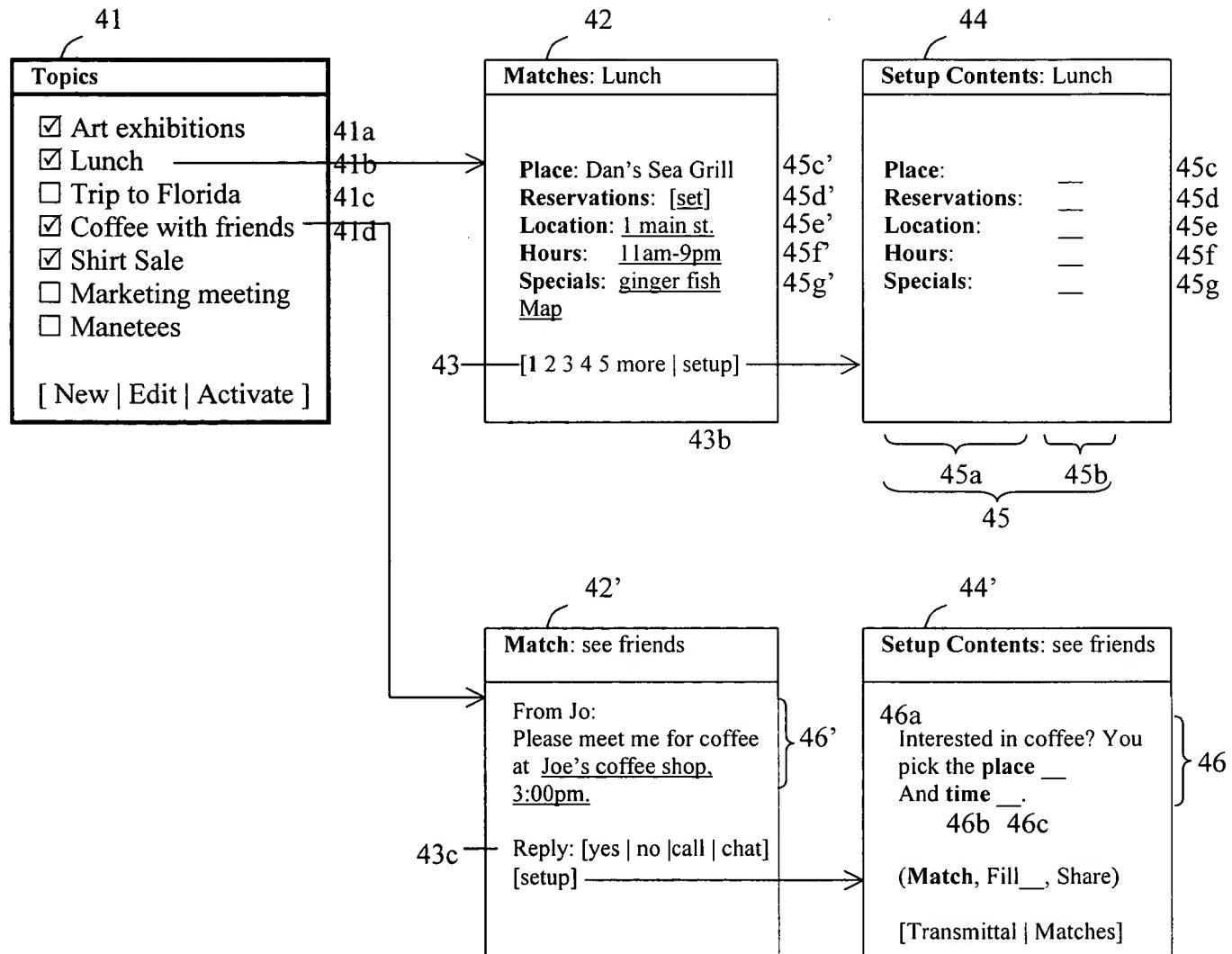


FIG. 3



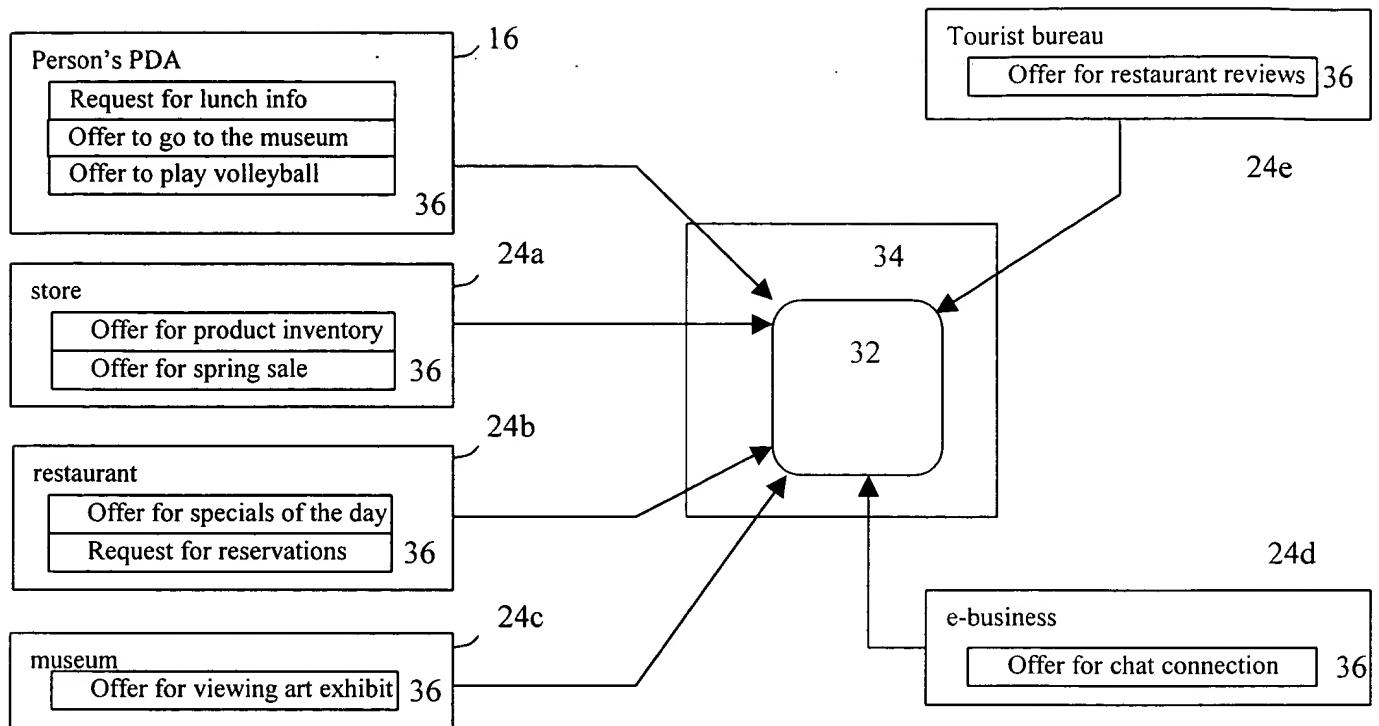


FIG. 4

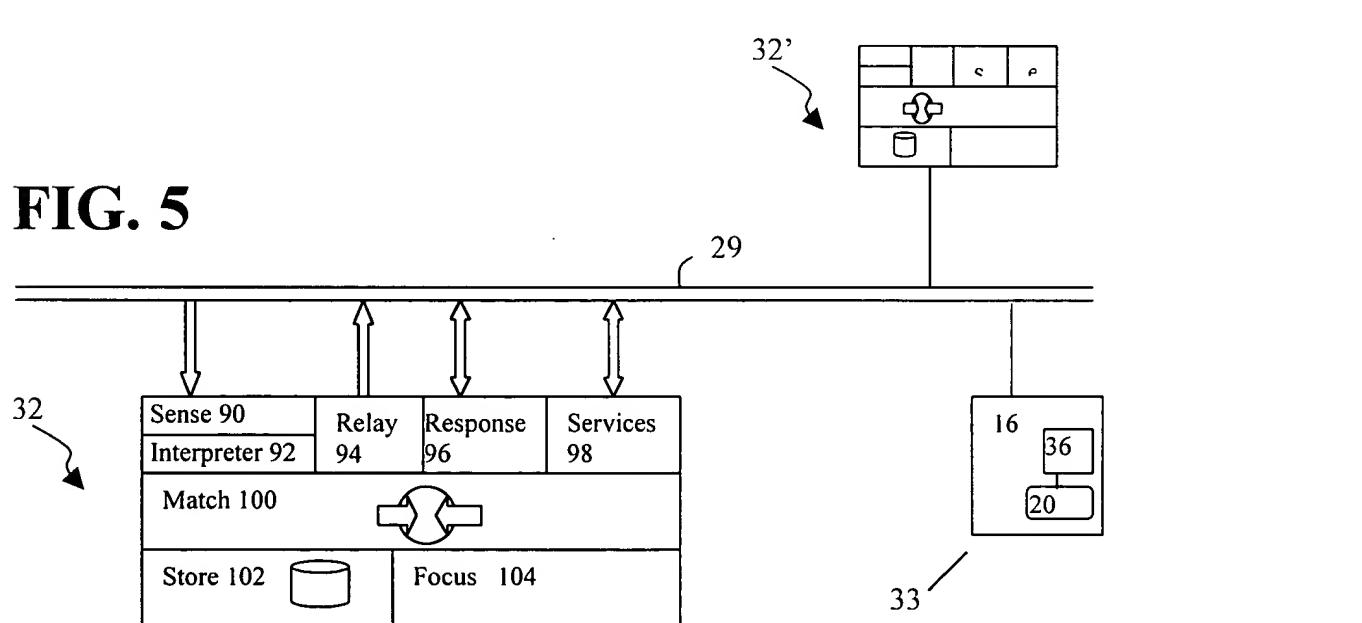


FIG. 6A

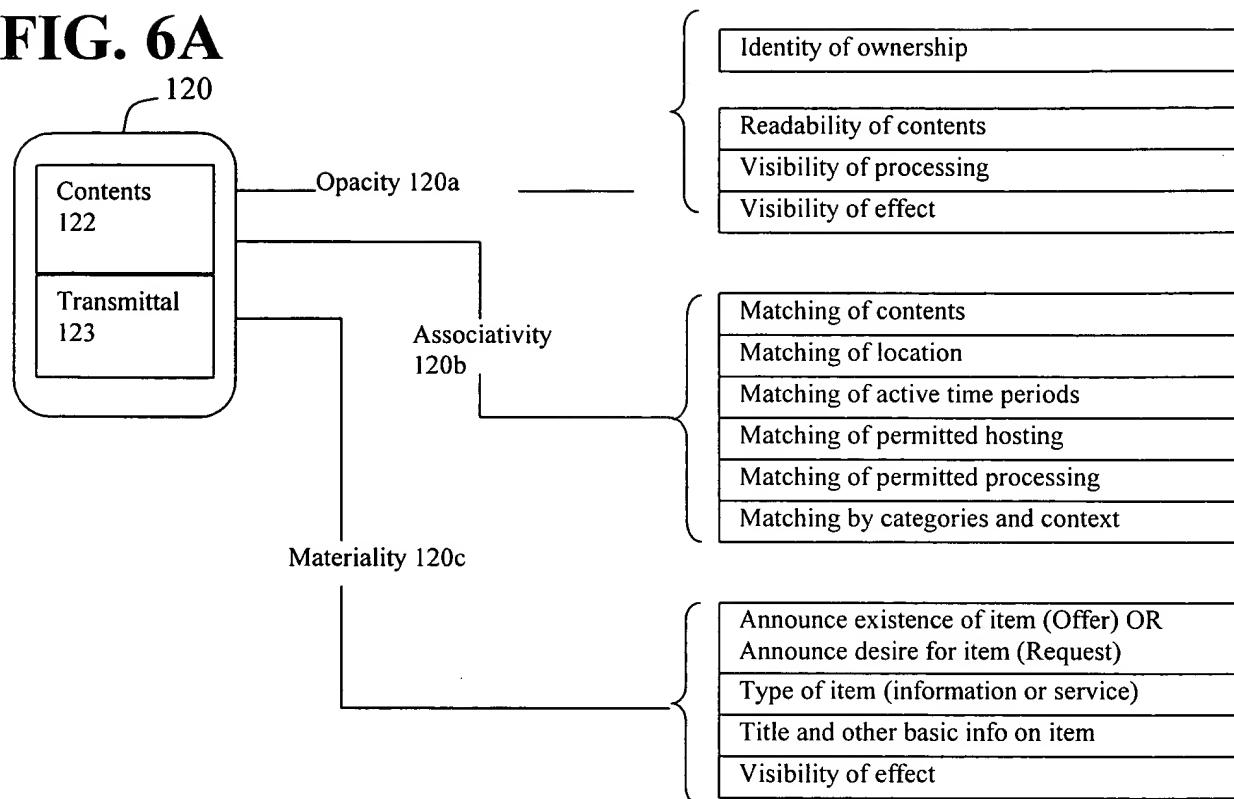


FIG. 6B

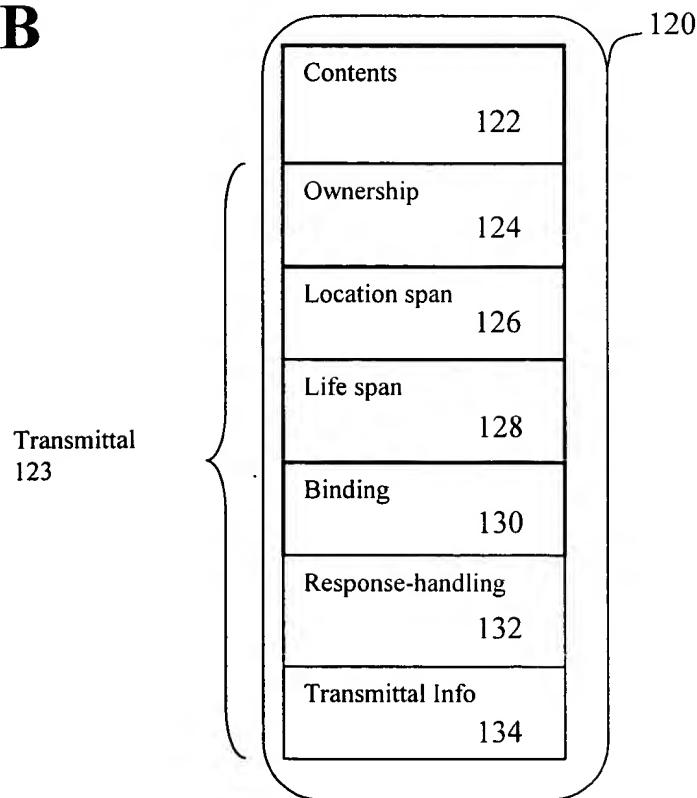


FIG. 6C

120

122	Contents	Type	122a
		Matchable	122b
		Fillable	122c
		Data	122d
124	Ownership	Email	124a
		Name or handle	124b
		Type	124c
126	Location span	Scope	126a
		Location	126b
128	Life span	Created	128a
		Expires	128b
		Starting	128c
		Ending	128d
		Repeat cycling	128e
130	Binding	Audience	130a
		Match rules	130b
		Fill rules	130c
		Privacy settings	130d
		Quick Bindings	130e
132	Response-handling	Connect	132a
		Retrieve, display	132b
		Run	132c
134	Transmittal details	Mode: Offer Request	134a
		Nature: Information Transact Connect Relay Host Store Other	134b
		ID, Thread	134c
		Title	134d

123

09668235-092200

FIG. 7

122

122'

Contents	Type	122a	XML Restaurant, seafood "__" < restaurant ><seafood> < name > __ </ name > </ seafood ></ restaurant >
	MatchableContents	122b	
	Fillable	122c	
	Contents	122d	

FIG. 8

124

124'

Ownership	Identifier Type	124a	Handle email name
	Id	124b	happyfrog
	Primary Host	124c	Myhost.net

FIG. 9

126

126'

Location span	Scope	126a	Micro Local City State Country Global
	Current Location	126b	Country USA State Massachusetts City Boston Neighborhood South End Street Commonwealth Ave.

0 9 8 7 6 5 - 0 9 8 7 6 5

FIG. 10

128

128'

Life span	Created	128a	1/1/1999
	Expires	128b	2/1/2001
	Starts	128c	8:30 am
	Ends	128d	5:30 pm
	Repeat cycling	128e	Daily

FIG. 11

130		130'													
Binding	Audience	130a	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>Allow Bind</td><td>Site1.com</td></tr> <tr><td>Allow Bind</td><td>Site2.com</td></tr> <tr><td>Allow Bind</td><td>Person@site4.org</td></tr> <tr><td>Deny Bind</td><td>Company5</td></tr> <tr><td>Allow host trusted</td><td>Host1.org</td></tr> <tr><td>Allow Bind Topic</td><td>:restaurants:seafood</td></tr> </table>	Allow Bind	Site1.com	Allow Bind	Site2.com	Allow Bind	Person@site4.org	Deny Bind	Company5	Allow host trusted	Host1.org	Allow Bind Topic	:restaurants:seafood
Allow Bind	Site1.com														
Allow Bind	Site2.com														
Allow Bind	Person@site4.org														
Deny Bind	Company5														
Allow host trusted	Host1.org														
Allow Bind Topic	:restaurants:seafood														
130b	<p>Match audience exact Match content approximate quality 75% Match location exact Match local, trusted</p>														
130c	summary														
130d	<p>Notify: <u>IN</u> OUT BOTH IN+ OUT+ Encrypted Contents YES <u>NO</u></p>														
130e	<p>Allow Deny audience, id Allow site4.org, id00001</p>														

0000000000 - 00000000

FIG. 12

134		134a	
Transmittal Info	Mode	134a	<u>Request</u> Offer
	Nature	134b	<u>Information</u> Connect Run Transact Relay Store Calculate Other
	ID	134c	Dt@mylsp.net, Thread 1002223
	Title	134d	Fun place to eat lunch with wife and kids.

FIG. 13

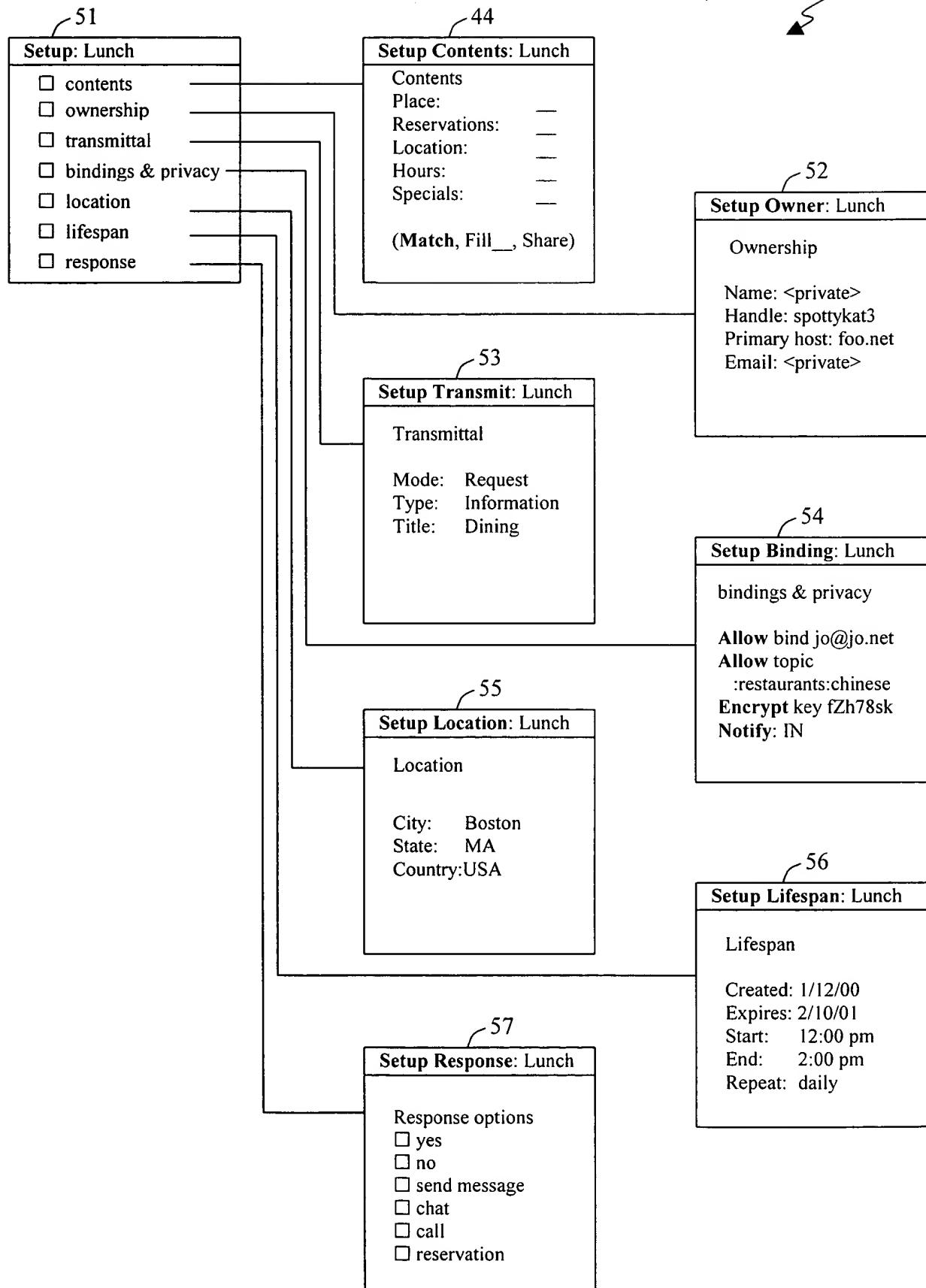


FIG. 14A

```
ExchangeCapsule {
  CONTENTS {
    Type Fragment;
    BeginContent
      :restaurant:Chinese# royalpanda
        {.address=10 main street, Cambridge,MA 02139;
         .telephone=617-444-9999;
         .cuisine = :Chinese:Cantonese;
         .specialty = :seafood; :General Gau's chicken;
         .specials = (REFER) http://www.royalpanda.net/specials
         .reservations = http://www.royalpanda.com/reservations;
        //go to the link for reservations
         .hours = "11-10 daily";
      EndContent
    }
    OWNER {RoyalPanda.com}
    LOCATION
    {
      Country: USA;
      State: Massachusetts;
      City: Cambridge;
      Neighborhood: Central Square;
      Street: 10 Main Street;
      Zipcode: 02139;
    }
    LIFESPAN
    {
      Created 1/1/1999;
      Expires 1/1/2001;
      From ANY;
      To ANY;
      Repeat Daily;
    }
    BINDING
    {
      Allow bind all;
      Notify OUT+;
      Encrypt NO;
      Match host all;
      Allow relay all;
      Allow bind topic { :restaurant:Chinese;
        :banquets:chinese;cuisine:Chinese:Cantonese; }
    }
    TRANSMITTAL
    {
      Mode Offer;
      Nature Information;
      ID info@royalPanda.net
      Title "Dine at the Royal Panda Restaurant"
    }
}
```

120'

122'

124'

126'

128'

130'

134'

FIG. 14B

<ExchangeCapsule>
<CONTENTS type=fragment>

:restaurant:Chinese# royalpanda
.address=10 main street, Cambridge,MA 02139;
.telephone=617-444-9999;
.cuisine = :Chinese:Cantonese;
.specialty = :seafood; :General Gau's chicken;
.specials = (REFER) http://www.royalpanda.net/specials
.reservations = http://www.royalpanda.com/reservations;
//go to the link for reservations
.hours = "11-10 daily";

</CONTENT>

<OWNER> RoyalPanda.com </OWNER>

<LOCATION>
<Country>: USA</Country>
<State>: Massachusetts</State>
<City>: Cambridge</City>
<Neighborhood>: Central Square</Neighborhood>
<Street>: 10 Main Street<Street>
<Zipcode>: 02139</Zipcode>

</LOCATION>

<LIFESPAN>
<Created> 1/1/1999</Created>
<Expires> 1/1/2001</Expires>
<From> ANY</From>
<To> ANY</To>
<Repeat> Daily<Repeat>

</LIFESPAN>

<BINDINGS>
Allow bind all;
Notify OUT+;
Encrypt NO;
Match host all;
Allow relay all;
Allow bind topic {:
:restaurant:Chinese;
:banquets:chinese;cuisine:Chinese:Cantonese;}

</BINDINGS>

<TRANSMITTAL>
<Mode> Offer </Mode>
<Nature> Information </Nature>
<ID> info@royalPanda.net </ID>
<Title> "Dine at the Royal Panda Restaurant" </Title>

</TRANSMITTAL>

</ ExchangeCapsule >

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249 250 251 252 253 254 255 256 257 258 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 279 280 281 282 283 284 285 286 287 288 289 290 291 292 293 294 295 296 297 298 299 299 300 301 302 303 304 305 306 307 308 309 309 310 311 312 313 314 315 316 317 318 319 319 320 321 322 323 324 325 326 327 328 329 329 330 331 332 333 334 335 336 337 338 339 339 340 341 342 343 344 345 346 347 348 349 349 350 351 352 353 354 355 356 357 358 359 359 360 361 362 363 364 365 366 367 368 369 369 370 371 372 373 374 375 376 377 378 379 379 380 381 382 383 384 385 386 387 388 389 389 390 391 392 393 394 395 396 397 398 399 399 400 401 402 403 404 405 406 407 408 409 409 410 411 412 413 414 415 416 416 417 418 419 419 420 421 422 423 424 425 426 427 427 428 429 429 430 431 432 433 434 435 436 437 437 438 439 439 440 441 442 443 444 445 446 446 447 448 448 449 449 450 451 452 453 454 455 456 456 457 458 458 459 459 460 461 462 463 464 465 466 466 467 468 468 469 469 470 471 472 473 474 475 476 476 477 478 478 479 479 480 481 482 483 484 485 486 486 487 488 488 489 489 490 491 492 493 494 495 496 496 497 498 498 499 499 500 501 502 503 504 505 505 506 507 507 508 508 509 509 510 511 512 513 514 514 515 516 516 517 517 518 518 519 519 520 521 522 523 524 524 525 526 526 527 527 528 528 529 529 530 531 532 533 534 534 535 536 536 537 537 538 538 539 539 540 541 542 543 544 544 545 546 546 547 547 548 548 549 549 550 551 552 553 554 554 555 556 556 557 557 558 558 559 559 560 561 562 563 564 564 565 566 566 567 567 568 568 569 569 570 571 572 573 574 574 575 576 576 577 577 578 578 579 579 580 581 582 583 584 584 585 586 586 587 587 588 588 589 589 590 591 592 593 594 594 595 596 596 597 597 598 598 599 599 600 601 602 603 604 604 605 606 606 607 607 608 608 609 609 610 611 612 613 614 614 615 616 616 617 617 618 618 619 619 620 621 622 623 624 624 625 626 626 627 627 628 628 629 629 630 631 632 633 634 634 635 636 636 637 637 638 638 639 639 640 641 642 643 644 644 645 646 646 647 647 648 648 649 649 650 651 652 653 654 654 655 656 656 657 657 658 658 659 659 660 661 662 663 664 664 665 666 666 667 667 668 668 669 669 670 671 672 673 674 674 675 676 676 677 677 678 678 679 679 680 681 682 683 684 684 685 686 686 687 687 688 688 689 689 690 691 692 693 694 694 695 696 696 697 697 698 698 699 699 700 701 702 703 704 704 705 706 706 707 707 708 708 709 709 710 711 712 713 714 714 715 716 716 717 717 718 718 719 719 720 721 722 723 724 724 725 726 726 727 727 728 728 729 729 730 731 732 733 734 734 735 736 736 737 737 738 738 739 739 740 741 742 743 744 744 745 746 746 747 747 748 748 749 749 750 751 752 753 754 754 755 756 756 757 757 758 758 759 759 760 761 762 763 764 764 765 766 766 767 767 768 768 769 769 770 771 772 773 774 774 775 776 776 777 777 778 778 779 779 780 781 782 783 784 784 785 786 786 787 787 788 788 789 789 790 791 792 793 794 794 795 796 796 797 797 798 798 799 799 800 801 802 803 804 804 805 806 806 807 807 808 808 809 809 810 811 812 813 814 814 815 816 816 817 817 818 818 819 819 820 821 822 823 824 824 825 826 826 827 827 828 828 829 829 830 831 832 833 834 834 835 836 836 837 837 838 838 839 839 840 841 842 843 844 844 845 846 846 847 847 848 848 849 849 850 851 852 853 854 854 855 856 856 857 857 858 858 859 859 860 861 862 863 864 864 865 866 866 867 867 868 868 869 869 870 871 872 873 874 874 875 876 876 877 877 878 878 879 879 880 881 882 883 884 884 885 886 886 887 887 888 888 889 889 890 891 892 893 894 894 895 896 896 897 897 898 898 899 899 900 901 902 903 904 904 905 906 906 907 907 908 908 909 909 910 911 912 913 914 914 915 916 916 917 917 918 918 919 919 920 921 922 923 924 924 925 926 926 927 927 928 928 929 929 930 931 932 933 934 934 935 936 936 937 937 938 938 939 939 940 941 942 943 944 944 945 946 946 947 947 948 948 949 949 950 951 952 953 954 954 955 956 956 957 957 958 958 959 959 960 961 962 963 964 964 965 966 966 967 967 968 968 969 969 970 971 972 973 974 974 975 976 976 977 977 978 978 979 979 980 981 982 983 984 984 985 986 986 987 987 988 988 989 989 990 991 992 993 994 994 995 996 996 997 997 998 998 999 999 1000 1000 1001 1002 1003 1004 1004 1005 1006 1006 1007 1007 1008 1008 1009 1009 1010 1011 1012 1013 1014 1014 1015 1016 1016 1017 1017 1018 1018 1019 1019 1020 1021 1022 1023 1024 1024 1025 1026 1026 1027 1027 1028 1028 1029 1029 1030 1031 1032 1033 1034 1034 1035 1036 1036 1037 1037 1038 1038 1039 1039 1040 1041 1042 1043 1044 1044 1045 1046 1046 1047 1047 1048 1048 1049 1049 1050 1051 1052 1053 1054 1054 1055 1056 1056 1057 1057 1058 1058 1059 1059 1060 1061 1062 1063 1064 1064 1065 1066 1066 1067 1067 1068 1068 1069 1069 1070 1071 1072 1073 1074 1074 1075 1076 1076 1077 1077 1078 1078 1079 1079 1080 1081 1082 1083 1084 1084 1085 1086 1086 1087 1087 1088 1088 1089 1089 1090 1091 1092 1093 1094 1094 1095 1096 1096 1097 1097 1098 1098 1099 1099 1100 1101 1102 1103 1104 1104 1105 1106 1106 1107 1107 1108 1108 1109 1109 1110 1111 1112 1113 1114 1114 1115 1116 1116 1117 1117 1118 1118 1119 1119 1120 1121 1122 1123 1124 1124 1125 1126 1126 1127 1127 1128 1128 1129 1129 1130 1131 1132 1133 1134 1134 1135 1136 1136 1137 1137 1138 1138 1139 1139 1140 1141 1142 1143 1144 1144 1145 1146 1146 1147 1147 1148 1148 1149 1149 1150 1151 1152 1153 1154 1154 1155 1156 1156 1157 1157 1158 1158 1159 1159 1160 1161 1162 1163 1164 1164 1165 1166 1166 1167 1167 1168 1168 1169 1169 1170 1171 1172 1173 1174 1174 1175 1176 1176 1177 1177 1178 1178 1179 1179 1180 1181 1182 1183 1184 1184 1185 1186 1186 1187 1187 1188 1188 1189 1189 1190 1191 1192 1193 1194 1194 1195 1196 1196 1197 1197 1198 1198 1199 1199 1200 1201 1202 1203 1203 1204 1205 1205 1206 1206 1207 1207 1208 1208 1209 1209 1210 1211 1212 1213 1214 1214 1215 1216 1216 1217 1217 1218 1218 1219 1219 1220 1221 1222 1223 1224 1224 1225 1226 1226 1227 1227 1228 1228 1229 1229 1230 1231 1232 1233 1234 1234 1235 1236 1236 1237 1237 1238 1238 1239 1239 1240 1241 1242 1243 1244 1244 1245 1246 1246 1247 1247 1248 1248 1249 1249 1250 1251 1252 1253 1254 1254 1255 1256 1256 1257 1257 1258 1258 1259 1259 1260 1261 1262 1263 1264 1264 1265 1266 1266 1267 1267 1268 1268 1269 1269 1270 1271 1272 1273 1274 1274 1275 1276 1276 1277 1277 1278 1278 1279 1279 1280 1281 1282 1283 1284 1284 1285 1286 1286 1287 1287 1288 1288 1289 1289 1290 1291 1292 1293 1294 1294 1295 1296 1296 1297 1297 1298 1298 1299 1299 1300 1301 1302 1303 1303 1304 1305 1305 1306 1306 1307 1307 1308 1308 1309 1309 1310 1311 1312 1313 1314 1314 1315 1316 1316 1317 1317 1318 1318 1319 1319 1320 1321 1322 1323 1324 1324 1325 1326 1326 1327 1327 1328 1328 1329 1329 1330 1331 1332 1333 1334 1334 1335 1336 1336 1337 1337 1338 1338 1339 1339 1340 1341 1342 1343 1344 1344 1345 1346 1346 1347 1347 1348 1348 1349 1349 1350 1351 1352 1353 1354 1354 1355 1356 1356 1357 1357 1358 1358 1359 1359 1360 1361 1362 1363 1364 1364 1365 1366 1366 1367 1367 1368 1368 1369 1369 1370 1371 1372 1373 1374 1374 1375 1376 1376 1377 1377 1378 1378 1379 1379 1380 1381 1382 1383 1384 1384 1385 1386 1386 1387 1387 1388 1388 1389 1389 1390 1391 1392 1393 1394 1394 1395 1396 1396 1397 1397 1398 1398 1399 1399 1400 1401 1402 1403 1404 1404 1405 1406 1406 1407 1407 1408 1408 1409 1409 1410 1411 1412 1413 1414 1414 1415 1416 1416 1417 1417 1418 1418 1419 1419 1420 1421 1422 1423 1424 1424 1425 1426 1426 1427 1427 1428 1428 1429 1429 1430 1431 1432 1433 1434 1434 1435 1436 1436 1437 1437 1438 1438 1439 1439 1440 1441 1442 1443 1444 1444 1445 1446 1446 1447 1447 1448 1448 1449 1449 1450 1451 1452 1453 1454 1454 1455 1456 1456 1457 1457 1458 1458 1459 1459 1460 1461 1462 1463 1464 1464 1465 1466 1466 1467 1467 1468 1468 1469 1469 1470 1471 1472 1473 1474 1474 1475 1476 1476 1477 1477 1478 1478 1479 1479 1480 1481 1482 1483 1484 1484 1485 1486 1486 1487 1487 1488 1488 1489 1489 1490 1491 1492 1493 1494 1494 1495 1496 1496 1497 1497 1498 1498 1499 1499 1500 1501 1502 1503 1504 1504 1505 1506 1506 1507 1507 1508 1508 1509 1509 1510 1511 1512 1513 1514 1514 1515 1516 1516 1517 1517 1518 1518 1519 1519 1520 1521 1522 1523 1524 1524 1525 1526 1526 1527 1527 1528 1528 1529 1529 1530 1531 1532 1533 1534 1534 1535 1536 1536 1537 1537 1538 1538 1539 1539 1540 1541 1542 1543 1544 1544 1545 1546 1546 1547 1547 1548 1548 1549 1549 1550 1551 1552 1553 1554 1554 1555 1556 1556 1557 1557 1558 1558 1559 1559 1560 1561 1562 1563 1564 1564 1565 1566 1566 1567 1567 1568 1568 1569 1569 1570 1571 1572 1573 1574 1574 1575 1576 1576 1577 1577 1578 1578 1579 1579 1580 1581 1582 1583 1584 1584 1585 1586 1586 1587 1587 1588 1588 1589 1589 1590 1591 1592 1593 1594 1594 1595 1596 1596 1597 1597 1598 1598 1599 1599 1600 1601 1602 1603 1604 1604 1605 1606 1606 1607 1607 1608 1608 1609 1609 1610 1611 1612 1613 1614 1614 1615 1616 1616 1617 1617 1618 1618 1619 1619 1620 1621 1622 1623 1624 1624 1625 1626 1626 1627 1627 1628 1628 1629 1629 1630 1631 1632 1633 1634 1634 1635 1636 1636 1637 1637 1638 1638 1639 1639 1640 1641 1642 1643 1644 1644 1645 1646 1646 1647 1647 1648 1648 1649 1649 1650 1651 1652 1653 1654 1654 1655 1656 1656 1657 1657 1658 1658 1659 1659 1660 1661 1662 1663 1664 1664 1665 1666 1666 1667 1667 1668 1668 1669 1669 1670 1671 1672 1673 1674 1674 1675 1676 1676 1677 1677 1678 1678 1679 1679 1680 1681 1682 1683 1684 1684 1685 1686 1686 1687 1687 1688 1688 1689 1689 1690 1691 1692 1693 1694 1694 1695 1696 1696 1697 1697 1698 1698 1699 1699 1700 1701 1702 1703 1704 1704 1705 1706 1706 1707 1707 1708 1708 1709 1709 1710 1711 1712 1713 1714 1714 1715 1716 1716 1717 1717 1718 1718 1719 1719 1720 1721 1722 1723 1724 1724 1725 1726 1726 1727 1727 1728 1728 1729 1729 1730 1731 1732 1733 1734 1734 1735 1736 1736 1737 1737 1738 1738 1739 1739 1740 1741 1742 1743 1744

FIG. 15

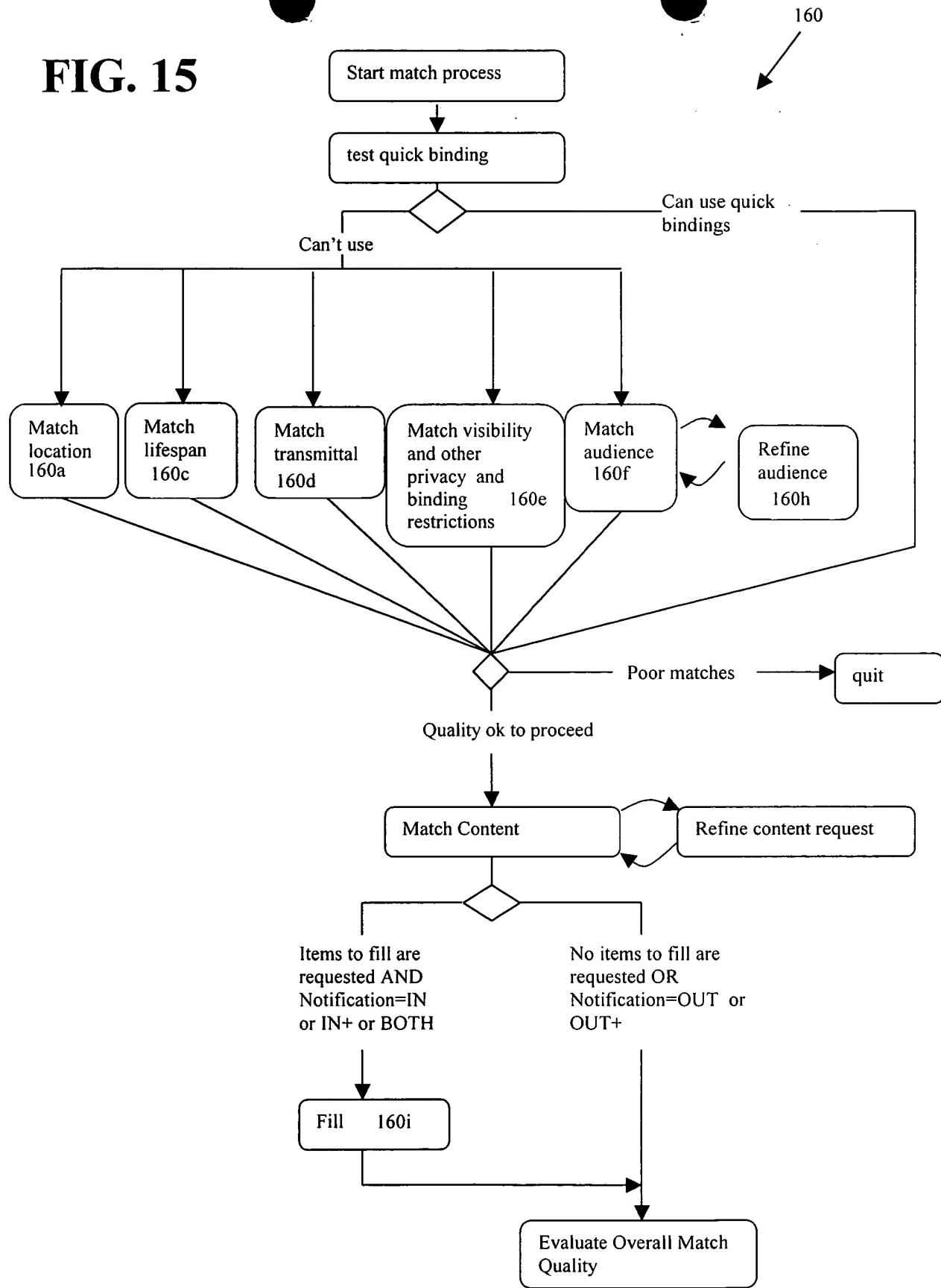


FIG. 16

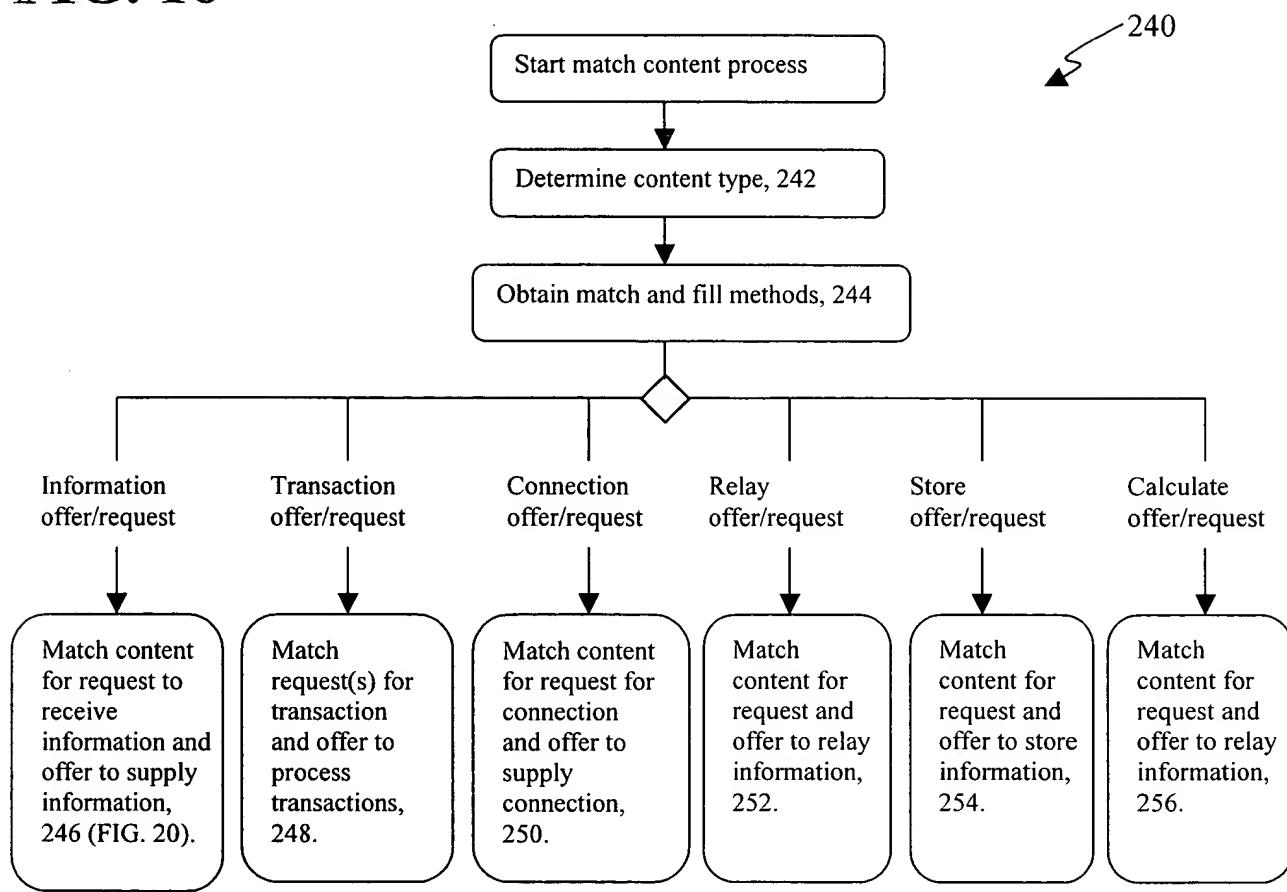


FIG. 17

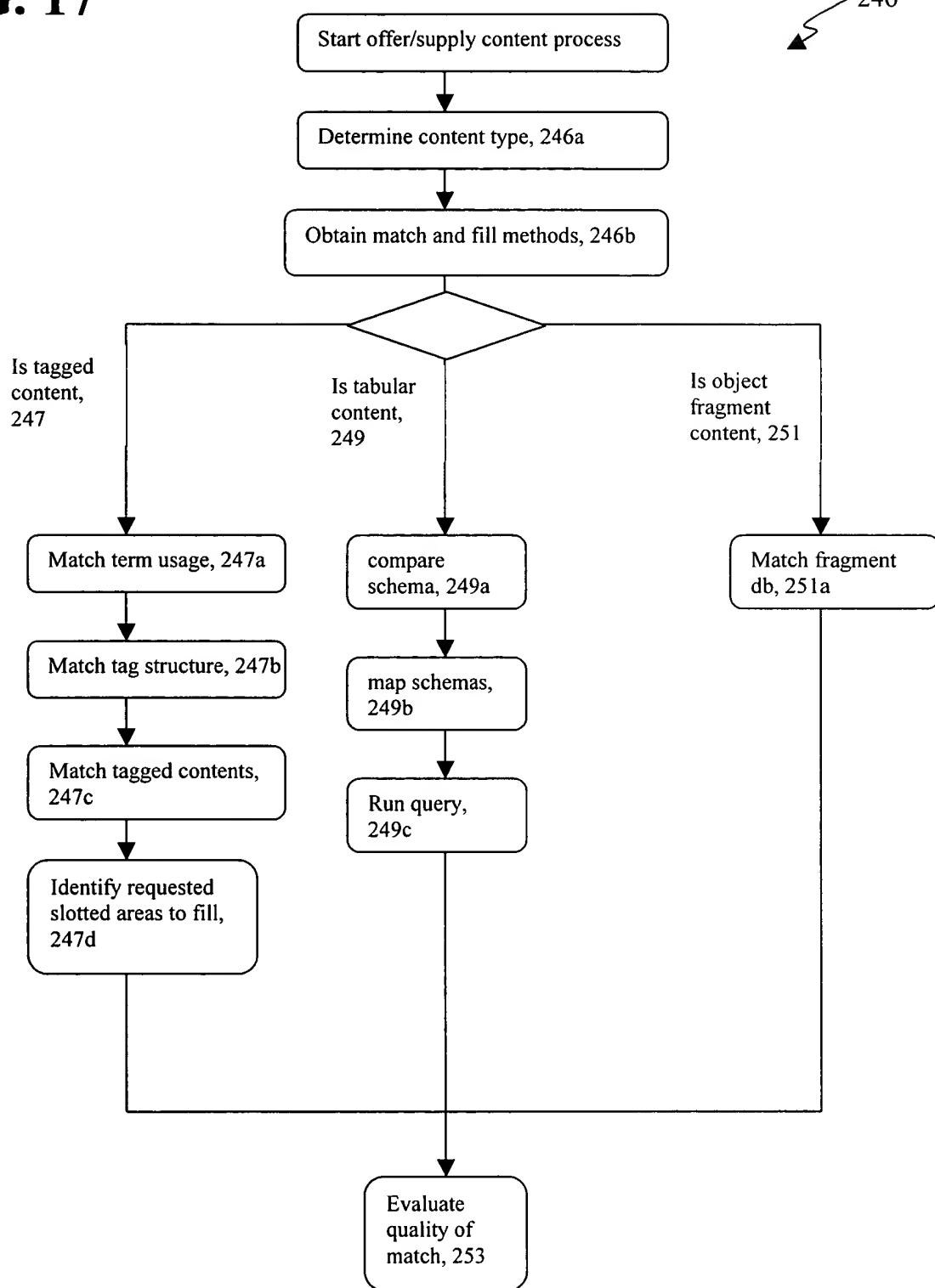


FIG. 18

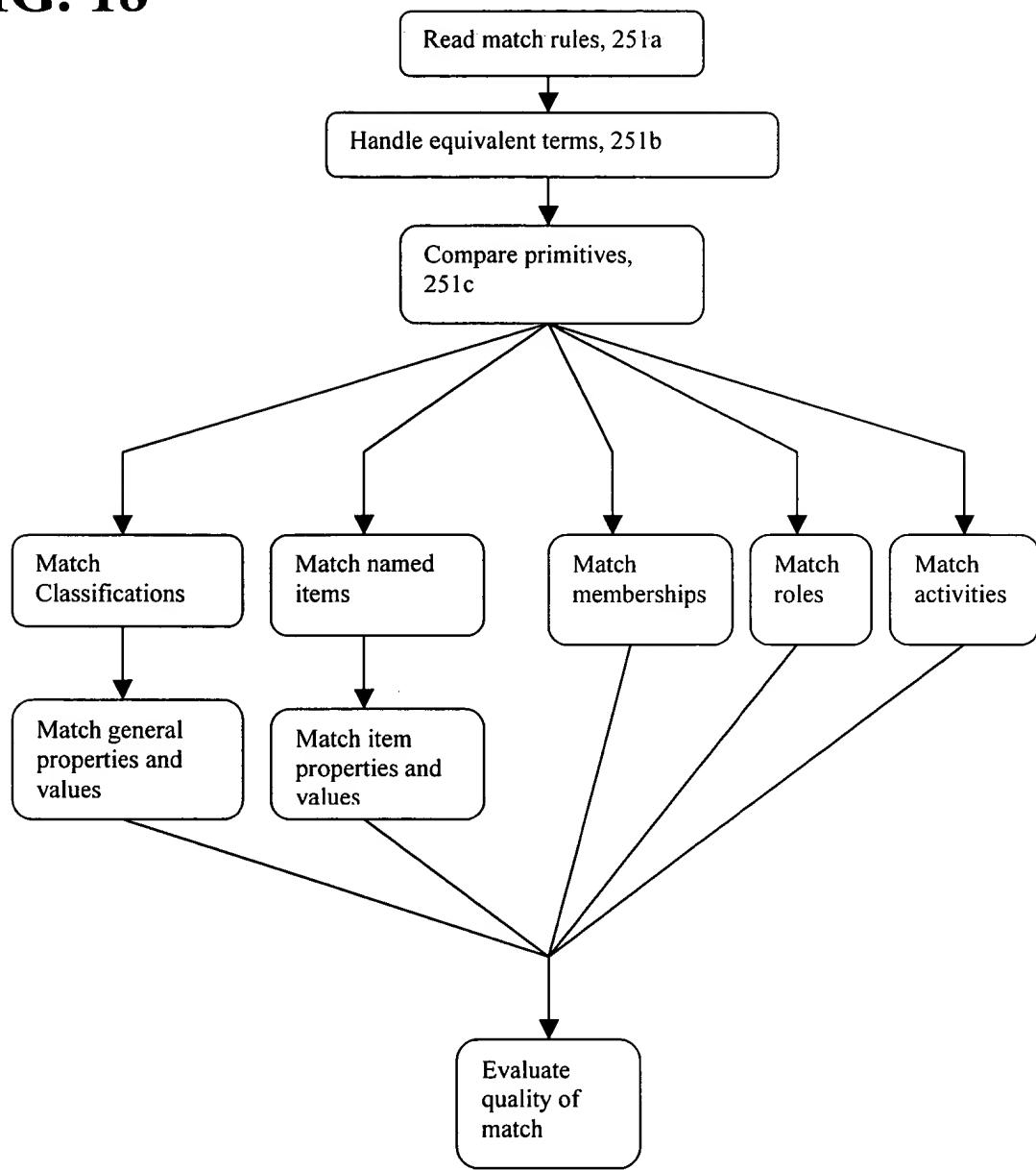


FIG. 19

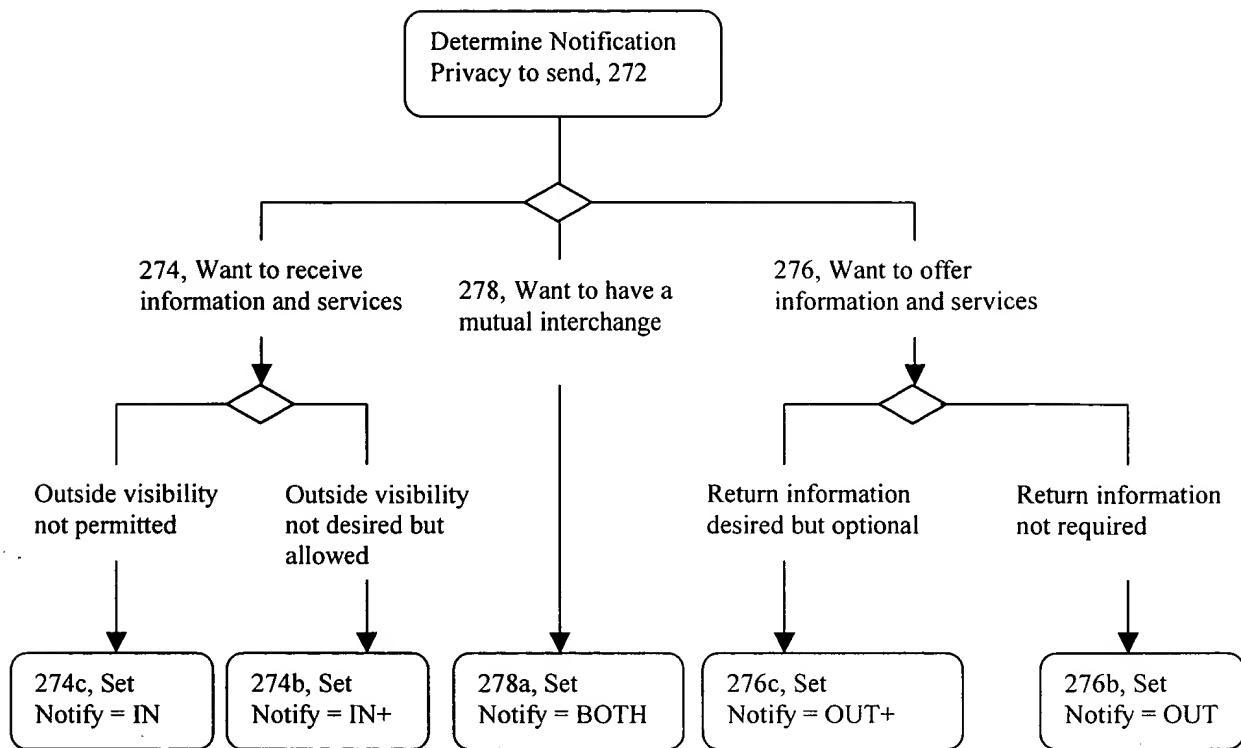


FIG. 20

